

**SUPPLEMENTARY TABLE I. Changes in cell morphology as a function of time in *U. maydis* *lis1*-depleted cells .**

time (h)	OD <sub>600</sub>	# cells examined	wild-type morphology	# aberrantly- shaped cells	% aberrantly- shaped cells <sup>a</sup>
24	0.154	164	139	25	15.2
48	0.773	383	137	246	64.2
72	1.072	573	105	468	81.7
72	0.296 <sup>b</sup>	217	31	186	85.7
96	1.700	534	55	479	89.7
96	0.544 <sup>b</sup>	237	20	217	91.6

<sup>a</sup> Aberrantly-shaped cells include peanut-shaped cells, cells with multiple buds and appendages, with multiple septa and beaded-appearance, with laterals buds, other irregular shape, and small wild-type-like cells that were vacuolated and shriveled.

<sup>b</sup> The culture was diluted 1:10 at the 48 h time point and incubated for an additional 24 and 48 h, respectively.